

Material Safety Data Sheet

GatorBack Coatings Multi-Foam

1. Product and company identification

Common name	: GatorBack Coatings Multi-Foam
Material uses	: Not available.
Supplier/Manufacturer	: R&M Car Care Inc. Gatorback Coatings 4401 River Close Blvd. Valrico, FI 33594 Tel : (813) 294-9223
In case of emergency	: CHEMTREC, U.S. : (800) 424-9300 International: (703) 527-3887

2. Hazards identification

Physical state	: Liquid. (Aerosol.)
Odor	: Citrus.
Color	: Whitish.
Hazard status	: This material is classified as hazardous under OSHA regulations.
Emergency overview	: WARNING ! CONTENTS UNDER PRESSURE. CAUSES EYE AND SKIN IRRITATION. CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS: NERVOUS SYSTEM, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM, EYE, LENS OR CORNEA. FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. Avoid contact with skin and clothing. Keep away from heat, sparks and flame. Extremely hazardous liquid and vapor under pressure. Do not puncture or incinerate container. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
Routes of entry	: Dermal contact. Eye contact. Inhalation. Ingestion.
Potential acute health effects	
Eyes	: Irritating to eyes.
Skin	: Irritating to skin.
Inhalation	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Potential chronic health effects	: Carcinogenic effects: Classified A3 (Proven for animals.) by ACGIH [Kerosene (petroleum)]. Mutagenic effects: Not available. Teratogenic effects: Not available.
Medical conditions aggravated by over-exposure	: Repeated skin exposure can produce local skin destruction or dermatitis. Repeated or prolonged contact with spray or mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to the substance can produce target organ damage.

See toxicological information (section 11)

3 . Composition/information on ingredients

United States

Name	CAS number	%
n-Butane	106-97-8	30 - 60
Propane	74-98-6	10 - 30
Kerosene (petroleum)	8008-20-6	1 - 5

4 . First aid measures

- Eye contact** : Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.
- Skin contact** : Wash with soap and water. Get medical attention if symptoms occur.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
- Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Notes to physician** : No specific antidote. Medical staff must contact Poison Control Center.

5 . Fire-fighting measures

- Flammability of the product** : Flammable
- Products of combustion** : Decomposition products may include the following materials: carbon oxides.
- Extinguishing media**
- Suitable** : Use dry chemical, carbon dioxide, water spray (fog) or foam.
- Not suitable** : Do not use water jet.
- Special exposure hazards** : Flammable liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 . Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment. Do not touch or walk through spilled material.
- Environmental precautions** : Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

7 . Handling and storage

- Handling** : Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Extremely hazardous liquid and vapor under pressure. Do not puncture or incinerate container. Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 50° C.

8 . Exposure controls/personal protection

United States

Product name

n-Butane

Exposure limits

ACGIH TLV (United States, 1/2006).

TWA: 1000 ppm 8 hour(s).

NIOSH REL (United States, 12/2001).

TWA: 1900 mg/m³ 10 hour(s).

TWA: 800 ppm 10 hour(s).

OSHA PEL 1989 (United States, 3/1989).

TWA: 1900 mg/m³ 8 hour(s).

TWA: 800 ppm 8 hour(s).

Propane

ACGIH TLV (United States, 1/2006).

TWA: 1000 ppm 8 hour(s).

NIOSH REL (United States, 12/2001).

TWA: 1800 mg/m³ 10 hour(s).

TWA: 1000 ppm 10 hour(s).

OSHA PEL (United States, 11/2006).

TWA: 1800 mg/m³ 8 hour(s).

TWA: 1000 ppm 8 hour(s).

Kerosene (petroleum)

ACGIH TLV (United States, 1/2006). Skin

TWA: 200 mg/m³ 8 hour(s).

NIOSH REL (United States, 12/2001).

TWA: 100 mg/m³ 10 hour(s).

- Engineering measures** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Eyes : Splash goggles.

Skin : Lab coat.

Respiratory : A respirator is not needed under normal and intended conditions of product use.

Hands : Natural rubber (latex).



HMIS Code/Personal protective equipment : B

Personal protection in case of a large spill : Safety glasses, goggles or face shield. Impervious gloves. Full suit. Boots. Wear NIOSH-approved self-contained breathing apparatus or equivalent and full protective gear.

Hygiene measures : Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

9 . Physical and chemical properties

Physical state	: Liquid. (Aerosol.)
Flash point	: Lowest known value: Closed cup: 37.85 to 85°C (100.1 to 185°F). (Pensky-Martens.). (Kerosene (petroleum))
Auto-ignition temperature	: >340°C (644°F)
Color	: Whitish.
Odor	: Citrus.
pH	: 7 [Neutral.]
Boiling/condensation point	: Weighted average: 118.59°C (245.5°F)
Melting/freezing point	: Weighted average: -5.65°C (21.8°F)
Relative density	: 0.8 (Water = 1)
Vapor pressure	: Highest known value: 2.3 kPa (17.5 mm Hg) (at 20°C) (Water).
Vapor density	: Weighted average: 1.1 (Air = 1)
Evaporation rate	: 0.36 (Water) compared with Butyl acetate.
Solubility	: Soluble in water.

10 . Stability and reactivity

Stability and reactivity	: The product is stable.
Incompatibility with various substances	: Reactive with oxidizing materials and acids.
Hazardous polymerization	: Will not occur.
Conditions of reactivity	: Extremely flammable in the presence of the following materials or conditions: open flames, sparks and static discharge. Highly flammable in the presence of the following materials or conditions: heat and shocks and mechanical impacts.

11 . Toxicological information

Acute Effects

Eyes	: Irritating to eyes.
Skin	: Irritating to skin.
Inhalation	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Potential chronic health effects	: Carcinogenic effects: Classified A3 (Proven for animals.) by ACGIH [Kerosene (petroleum)]. Mutagenic effects: Not available. Teratogenic effects: Not available.
Target organs	: Contains material which causes damage to the following organs: the nervous system, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

12 . Ecological information

Environmental precautions	: No known significant effects or critical hazards.
Products of degradation	: Decomposition products may include the following materials: carbon oxides and water.
Toxicity of the products of biodegradation	: The product itself and its products of degradation are not toxic.


13 . Disposal considerations


Waste disposal : Do not puncture or incinerate container. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements.

14 . Transport information

NAERG : 126

Regulatory information	Proper shipping name	Class	UN number	PG	Label
------------------------	----------------------	-------	-----------	----	-------

UN / IMDG / IATA Classification	AEROSOLS, FLAMMABLE, N.O.S. (each not exceeding 1 L capacity) (n-Butane, Propane)	2.1	UN1950	-	
--	---	-----	--------	---	---

DOT Classification	AEROSOLS, FLAMMABLE, N.O.S. (each not exceeding 1 L capacity) (n-Butane, Propane)	2.1	UN1950	-	
---------------------------	---	-----	--------	---	---

Additional information	UN	IMDG	IATA	DOT
	-	-	Passenger and Cargo Aircraft Quantity limitation: 75 kg Cargo Aircraft Only Quantity limitation: 150 kg	-

15 . Regulatory information

United States

HCS Classification : Compressed gas
Flammable aerosol
Irritating material
Target organ effects

U.S. Federal regulations : TSCA : All components listed.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: n-Butane; Propane; Kerosene (petroleum)
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: n-Butane: Fire hazard, Sudden release of pressure; Propane: Fire hazard, Sudden release of pressure; Kerosene (petroleum): Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 accidental release prevention: n-Butane; Propane

Clean Air Act (CAA) 112 regulated flammable substances: n-Butane; Propane

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

State regulations : Pennsylvania RTK Hazardous Substances: n-Butane: (generic environmental hazard); Propane: (generic environmental hazard); Kerosene (petroleum): (generic environmental hazard)

Massachusetts Substances: n-Butane; Propane; Kerosene (petroleum)

New Jersey: n-Butane; Propane; Kerosene (petroleum)

California prop. 65: No products were found.

International lists : This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, in Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969).

16 . Other information

Label requirements (U.S.A.) : CONTENTS UNDER PRESSURE.
CAUSES EYE AND SKIN IRRITATION.
CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS:
NERVOUS SYSTEM, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM,
EYE, LENS OR CORNEA.
FLAMMABLE LIQUID AND VAPOR.
VAPOR MAY CAUSE FLASH FIRE.

Hazardous Material Information System (U.S.A.) :

HMIS RATING

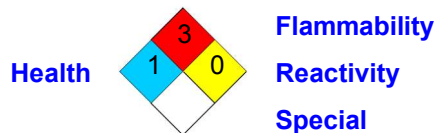
Health	*	1
Fire hazard		3
Physical Hazard		0
Personal protection		B

HAZARD RATINGS

4- Extreme
3- Serious
2- Moderate
1- Slight
0- Minimal

See section 8 for more detailed information on personal protection.

National Fire Protection Association (U.S.A.) :



References

: ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet. -
29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous
Materials, UN#, Proper Shipping Names, PG.

Date of issue

: 03/31/2007

Version

: 1

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.